

## WIRELESS TELEGRAPHY BOON TO ARMY AND NAVY

Subject Discussed Before  
Geographic Society.

## SIGNAL CORPS IMPROVED

Colonel Samuel Reber Tells of Its Work  
in Cuba, Porto Rico, and  
the Philippines.

That wireless telegraphy as a commercial enterprise is likely to have but little value was the conclusion reached in an address by Col. Samuel Reber, of the Signal Corps, last evening, before the National Geographic Society, in the lecture room of the Cosmos Club. As a boon to the army and navy, he added, and then proceeded to point out that the proper sphere for it is in communication between shore and ships at sea.

Other addresses were made. Those who spoke were Gen. A. W. Greely, who briefly described the work of the Signal Corps; Capt. Edgar S. Russell, also of the Signal Corps, who read a paper on the recent maneuvers on Long Island Sound and Narragansett Bay, and Prof. Willis Moore, chief of the Weather Bureau, whose talk was in line with that of Colonel Reber.

### Signal Corps Work.

Colonel Reber was introduced by General Greely, who, in a few preliminary remarks, described the work of the Signal Corps in Cuba, Porto Rico, China, the Philippines, and the West. He laid much stress on the fact that the corps had steadily improved, and attributed its success to the intelligence of the American soldier. He also spoke of the excellent work of Colonel Reber and Captain Russell.

Colonel Reber said in part: "During the combined maneuvers of the army and navy, that took place along the coast of Rhode Island, during the early part of September last, a number of wireless stations were erected by the Signal Corps, and scout boats equipped with apparatus, using the De Forest, Marconi and Feasenden systems. The use of wireless telegraphy in those maneuvers demonstrated its value as an additional adjunct in the protection of our coast against surprise by an enemy's fleet."

### Two Years' Experience.

"The experience of the past two years has clearly shown that the proper sphere of wireless telegraphy is for communication between the shore and ship, and between ships at sea. Neither the cable system nor the land lines will be supplanted by wireless telegraph."

"No results overland have been obtained that can at present warrant its acceptance as a commercial means of transmission. While messages overland have been successfully exchanged up to distances of fifty and sixty miles when the atmospheric, local and thermal conditions were favorable, and uninterrupted communication which is essential to commercial success has not as yet been achieved. Wireless telegraphy is past the experimental stage, and is now in a period of development the same as the telephone."

## ILLINOIS COLLEGES CONTEMPLATE MERGER

All But 10 Per Cent of the Necessary  
\$300,000 Endowment  
Subscribed.

JACKSONVILLE, Ill., Dec. 20.—It is entirely probable that Illinois College and Jacksonville Female Academy, both of this city, will unite January 1, 1903.

The Illinois College is the oldest in the State, and has always been non-sectarian. It was founded in 1829. The academy is seventy-three years old, and has always been for women only. Now it is proposed to merge the two under the name of Illinois College and have them pass into the control of the Presbyterian Church.

The matter hinges upon the ability of Illinois College to raise \$300,000 additional endowment by January 1. All but \$30,000 of that sum has been promised.

## BROWNELL MURDERED, CORONER'S JURY ASSERTS

Suspicion Directed to Vagrant Italian.  
Authorities Apathetic.

BOWIE, Md., Dec. 20.—The coroner's jury sitting inquest over the body of Van Brownell, found dead in the woods near this place, returned the verdict that death was caused by a sharp instrument in the hands of an unknown person.

Dr. N. A. Ryan made the autopsy. He is of the opinion that the wound in the abdomen, which caused death, was made with a sharp pick or spike. He does not believe such a wound could have been made with a knife.

Suspicion points to an Italian who was seen in the woods near Brownell's home about the time Brownell was killed. Coroner Betts has turned the papers over to State's Attorney Lewin.

Excitement has been caused by the murder, and the authorities are reproached for seeming apathy in pursuing the search for the murderer.

## NEW FRENCH COMMERCIAL ATTACHES TO UNITED STATES

PARIS, Dec. 20.—France has decided to appoint several new commercial attaches to the United States. They will receive special allowances for traveling expenses.

### A Guaranteed Cure for Piles.

Itching, Blind, Bleeding and protruding Piles. No cure, no pay. All druggists are authorized by the manufacturers of Pile Ointment to refund the money where it fails to cure any case of piles, no matter of how long standing. Cures ordinary cases in six days; the worst cases in fourteen days. One application gives ease and rest. Relieves itching instantly. This is a new discovery, and it is the only pile remedy sold on a positive guarantee, no cure, no pay. Price, 25c.

## DUN'S REVIEW OF TRADE FOR THE WEEK

Holiday Trade Exceeds Most  
Sanguine Expectations.

## WHOLESOME CONDITIONS

Dignified Position of Government Re-  
stores Confidence in Ven-  
ezuelan Condition.

Dun's report for the week shows that holiday trade has exceeded even the most sanguine expectations, and retail dealings in all staple lines of merchandise are well maintained, with the better grades of goods in brisk demand. Wholesale conditions prevail in most sections of the country, although in parts of the Southwest the season has fallen behind the average. Even in these cases reports are encouraging for the future.

Industrial plants well employed, orders running far into the future, and labor controversies are rare. The only adverse feature of the situation is the fact that supplies of fuel are utterly inadequate, both for household and manufacturing uses, snow increasing the delay of deliveries.

The dignified and pacific attitude of this Government restored confidence regarding the Venezuelan situation, and no alarm was felt except in so far as our foreign trade may be interrupted. With easier money markets there has come a partial recovery in prices of securities, although the level is still very low as compared with September quotations.

### Railway Earnings.

Railway earnings thus far reported for December exceed last year's by 4.2 per cent, and those of 1900 by 10.4 per cent. Bank exchanges at New York for the week were 4.8 per cent, larger than a year ago and 6.1 per cent, in excess of 1899, while at other leading cities there were gains of 10.9 and 16.9 per cent respectively.

Two events of importance have occurred in relation to the leading manufacturing industry. The United States Steel Corporation has greatly extended its scope by absorbing many outside plants and certain desirable railway connections. Its facilities will be especially enlarged as to production of pig iron, which may render unnecessary the erection of several new furnaces that had been projected.

### Advanced Freight Rates.

The other interesting event was the announcement of advanced freight rates to take effect January 1, showing an average increase of about 10 per cent on products of iron and steel. Otherwise the situation is practically unchanged, the largest producer having over 5,280,000 tons of unfilled orders on its books, and work is being pushed as rapidly as supplies of fuel and material will permit. Supplies of coke do not increase, and many turnouts are idle. Contracts for bridge work and track elevation are freely offered by the railroads, and accepted only on condition that the exact date of delivery shall not be specified. Despite the fact that rail mills are sold close up to the end of next year, new business is offered, and urgent buyers are compelled to go abroad.

New England producers of boots and shoes are not seeking new business, which comes forward moderately in the form of supplementary orders. The bulk of spring contracts has been placed, and most factories are assured of steady operation until the end of March.

### November Foreign Commerce.

Full official returns of foreign commerce for the month of November do not make as favorable a showing as the previous month, or the same month in recent preceding years. Imports were fully maintained, exceeding those of November, 1901, by \$12,912,458, but there was a loss of \$11,412,458 in exports, leaving only a small increase in total foreign trade. The international trade balance in favor of this country for the month was \$39,964,416 on merchandise account, compared with \$32,839,322 last year, and \$71,248,284 two years ago. The bulk of this difference is due as much to the expansion of imports as to the loss in shipment of farm products. At the port of New York exports for the last week decreased about an equivalent of the preceding week's gain.

Liabilities of commercial failures thus far reported for December were \$4,113,463, of which \$1,189,373 were in manufacturing, \$2,442,798 in trading, and \$482,292 in other commercial lines. Failures for the week numbered 267 in the United States against 265 last year, and 16 in Canada, compared with 27 a year ago.

## RAMSEY FOUND GUILTY ON CHARGE OF RIOT

Motion for New Trial Denied—Led  
Parade Which Culminated in  
Fight at Glens Falls, N. Y.

GLENS FALLS, N. Y., Dec. 20.—After deliberating forty minutes the jury before which Henry L. Ramsey was tried in Warren county court on an indictment of riot, brought in a verdict of guilty. A motion for a new trial was denied.

Following the report of the jury, court adjourned until Monday, when sentence will be pronounced. Court will then immediately adjourn sine die.

It is expected that a special term of county court will be held early next year for the purpose of bringing to trial the other alleged Glens Falls rioters. Ramsey, who is sixty-four years old, is secretary of the Central Trades Assembly. Evidence was introduced tending to show that he led the parade which culminated in the riot October 4, and also that he attempted to wrest from a soldier his gun.

### MAY STRING CABLE.

The Chesapeake and Potomac Telephone Company has been granted permission by the District authorities to string an aerial cable from the pole at the corner of Fourteenth and Princeton Streets to the Western Union pole on Princeton Street. The usual conditions relative to stringing wires over private property are attached to the permit.

## PROLONGATION OF LIFE THEORY DISCREDITED

Scientists Claim That Loeb's Experiments on Ma-  
rine Animal Eggs Are Valueless.

The claims of Dr. Loeb, of Chicago, seem on the point of being exploded. Several years ago it was announced that he had solved the problem of the indefinite prolongation of life, and even that of its artificial or chemical production.

There is now announced the result of experiments made by two other biologists, which, if sustained, will force the world of science to witness another demonstration equal to that whereby Pasteur proved that the alleged spontaneous generation of life in laboratory test tubes was simply due to the carelessness of the experimenters, who had not properly sterilized their tubes, and thus allowed any number of germs, and spores, and microbial forms to enter the respectables and reproduce their kind in accordance with the invariable process of nature.

### The Loeb Claims.

It will be remembered by the lay reader that in the November of 1899 it was announced on behalf of Prof. Loeb, who, German-born, first held a chair at Bryn Mawr, and then was for eight years connected with the University—that this investigator, even now only forty-two years old, had been conducting a series of remarkably successful experiments on the eggs of sea urchins and low forms of animal life at Wood's Hole, Mass. In one journal the work was summed up as follows:

"That by chemical means he has succeeded in hatching the unfertilized eggs of marine animals."

"That he has developed the larvae so hatched into healthy animals, capable of exercising all the functions of normally developed animals."

"That by a series of experiments he is led to believe this can be done with mammals, including the human species."

### Startled the World.

To be very brief and to avoid technical terms it may be said that there were two things Dr. Loeb claimed to have

demonstrated. One was that the life of the eggs of the sea-urchin could be prolonged by adding certain chemicals, notably potassium cyanide—a violent poison—to the solution in which the eggs were placed.

The second—and the claim which startled the world of science and has given Dr. Loeb a peculiar fame—was his statement that he could substitute an artificial for the natural generation—that is, that by adding certain chemicals to sea water containing the unfertilized eggs of the sea-urchin he could vitalize them so that they would develop after their kind in the course of nature.

"It seems," said Dr. Loeb in an interview in "McClure's" for last March, "it seems paradoxical that life may thus be maintained by a powerful poison; but if, as I say, we can see a specific mortal process which may be held in check, and regard the potassium cyanide as substituting a condition of suspended action, the matter seems clear."

Now, again, to avoid technicalities, the two experimenters, Gorham and Tower, have found that, while Prof. Loeb was able to prolong the life in his sea-urchin eggs, as he claims, for four days by the action of potassium cyanide, they discovered that absolutely sterile sea-water—without any poisonous salt in it—at all—would prolong the life for eleven days and longer, and they consequently concluded that Prof. Loeb was entirely wrong in his deductions.

### Acts as Germicide.

Potassium cyanide, they say, is not a beneficial agent, not a prolonger of life, but really prejudicial to life. The so-called favorable results which Dr. Loeb obtained were therefore—in the opinion of these later and more careful investigators—due simply to the fact that the cyanide is a germicide and it killed the bacteria in water which prey on the eggs before it killed the sea-urchin eggs, and hence gave them a seemingly greater chance for life than when the eggs were left in sea-water alone and died after two days.

Now that one claim of Prof. Loeb has been disposed of, it is felt in certain scientific quarters that the so-called marvelous artificial birth will prove to be an equally false and careless deduction.

## EXTENSIVE FORGERY OF NOTES IN CHICAGO

Broker Under Arrest and a Former  
Partner Wanted by the Police.

CHICAGO, Dec. 20.—More than \$50,000 worth of fraudulent notes purporting to be signed with the firm name of Walter E. Lindsay & Co., of Philadelphia, have been offered in Chicago for discount, and as a result, Louis Stern, a note broker, in the Tacoma Building, is in jail.

Among the victims is the Chicago National Bank, which is said to have cashed \$1,200 worth of the paper. William S. Brown, a former member of the firm, which dissolved in Philadelphia November 18, is being sought for by detectives here and in New York. Stern, it is said, helped negotiate a number of the notes after he had been warned that they were spurious.

Charles Zeig, of New York, arrived here yesterday and swore out the warrants against Stern and Brown. Zeig represents W. E. Lindsay, and requested the police to make all efforts to locate Brown.

## SLAYER OF TORMENTORS NOT GUILTY OF MURDER

Italian Organ Grinder, Who Killed  
Three Men, Acquitted.

READING, Pa., Dec. 20.—The jury in the case of Antonio Taddai, a young Italian organ grinder, charged with the murder of Edward Hartman, Samuel Stitzel, and John Tracey, on the night of July 4, last, returned a verdict of not guilty yesterday. The verdict was received with applause in the court room. The victims were young men of this city of bad reputation, who had followed Taddai and his partner and assaulted and robbed them. In self-defense the Italian picked them out of a crowd while playing in front of a hotel and fatally shot all three.

### RECEIVES DIPLOMATS.

The United States minister at Havana, Mr. Squiers, has informed Secretary Hay of the reception by President Palma of two diplomatic representatives, the Salvadoran minister and the Chinese charge d'affaires. The latter was formerly Chinese consul general at New York.

### MRS. GOODWIN DIVORCED.

Justice Hagner, presiding in Equity Court No. 1, has announced that he will sign a decree granting Hetty V. Goodwin a divorce from Wade A. Goodwin. The divorce was asked for on the ground of cruelty.

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## PURE FOOD BILL PASSES THE HOUSE

Final Action Taken After a  
Protracted Debate.

After a protracted debate yesterday which lasted nearly the entire day and occupied a good portion of the session on Thursday, the House last yesterday afternoon passed the pure food bill. The final vote was 72 to 21.

As the bill now stands it inhibits the introduction into any State or Territory, or the District of Columbia, or from any foreign country, or to ship to any foreign country any article of food or drug which is adulterated or misbranded. It also inhibits the shipping or receiving or delivering of any food so adulterated in any of the regions named.

The bill requires that all animals used for food shall be slaughtered. The closing section provides that any article of food or drug that is misbranded, within the meaning of the measure, and is transported or is being transported shall be liable to confiscation, by a process or libel, for condemnation in the United States courts.

Several amendments were offered yesterday afternoon. Mr. Gardner of Massachusetts presented one providing that "dried fish preserved by suitable preservative substances employed as a surface application shall not be deemed adulterated in the meaning of this act." Mr. Mann of Illinois supported this amendment, which was opposed by Mr. Hepburn, who was in charge of the measure. The amendment was finally voted down.

As reported to the House by the Committee on Interstate and Foreign Commerce, the bill provided that "nothing in this act shall be construed to interfere with legislation now in force, enacted either by Congress for the District of Columbia, or by the Territorial legislatures for the several Territories, regulating commerce in adulterated foods or within the District of Columbia and the several Territories."

This provision was stricken out on motion of Mr. Underwood of Alabama after some debate. The effect of this amendment, should the bill become a law, will be to wipe out the existing pure food legislation in the District of Columbia and the Territories and to substitute the provisions of the bill.

## CONCESSIONS AND WAGE INCREASE FOR RAILWAY MEN

Chicago and Northwestern System  
Makes Agreement With Engineers  
and Firemen.

CHICAGO, Dec. 20.—Thousands of locomotive engineers and firemen on the Chicago and Northwestern system and its two branches will receive an increase in wages amounting to 8 per cent on January 1.

Agreements to this effect will be signed today. About 5,000 engineers and firemen are directly benefited.

"Many other concessions of a minor nature were made us," said H. W. Willis, on behalf of the engineers, and S. A. Boon, representing the firemen. "A concession granted to the firemen is that hereafter they will not be required to clean the freight engines; that labor will be performed by regular men in the round houses."

The adjustment committee of the Chicago, Milwaukee and St. Paul Railroad, representing the engineers and firemen on that line, expect to reach an agreement today and be able to spend Christmas with their families. The committee of Rock Island employees, also seeking an adjustment of the wage scale, expect to be in Chicago for some time.

## CHICAGO STREET ROADS CONTEMPLATE MERGER

Combine Planned to Avoid  
Renewal of Franchises.

CHICAGO, Dec. 20.—A new move by the street railway companies of Chicago to avoid the renewal of their franchises and to overcome the twenty-year limitation is reported to be on foot. The proposition is said to contemplate a gigantic merger of all the street railway lines of the city by lease or otherwise and to operate them under the protective privileges of the Chicago General Railway Company's charter, which still has forty years to run.

That such a move was being considered came as a surprise to the members of the city administration. It was brought to light in connection with a legal opinion on the subject by John N. Jewett, an attorney and one of the best known authorities on railway corporation matters.

This opinion was secured by some of the heavy owners of railway shares, who are said to have become nervous at the delay in regard to franchise renewals. Other lawyers of high standing are said to have coincided with the opinion of Mr. Jewett that renewal of the franchises was not absolutely necessary.

## THINKS REMOVAL OF "LOVE AND LIFE" WISE

That Is, Mrs. Smith Says, if  
Objectionable.

The following letter, anent the recent talk over President Roosevelt's action in ordering the famous picture, "Love and Life," returned to the White House, explains itself:

To the Editor of The Times:  
I wish to correct the impression that any buzz of disapproval has arisen from the Woman's Christian Temperance Union, of this city, over the removal of any picture from the Corcoran Gallery of Art to the White House. None of us had heard of the removal until we saw in the papers that we were "exercised" over it.

City reporters have traversed many streets, and rung many bells, trying to find me and secure by "opinion." I am now ready to give you an opinion, and do so freely, and it is of the more value for never having before appeared in print.

It is that if there is anything wrong about the picture it is a good thing to remove it from public gaze to the more retired apartment, where it will meet only the eyes of cultured people, whose tastes are already formed.

President of the Woman's Christian Temperance Union of the District of Columbia.

## Don't Stay Sick When a Postal Will Bring You a Way to Get Well.

You who stay sick and don't write me—I address this to you. While you are waiting I am curing thousands just like you. They simply write me a postal, then I do this:  
I mail the sick one my book, and with it an order on his druggist for six bottles of Dr. Shoop's Restorative. He takes it for a month at my risk. If it succeeds, the cost is \$5.50. If it fails, I pay the druggist myself. And the sick one's mere word decides it. I am ready to do that with you.

My book will tell you how I cure these troubles, and it tells you so clearly that you will know that I am right. If you then wish to test the remedy, your druggist will supply it on trial. If it succeeds, you are well. If it fails, it is free.  
Two facts make this offer possible. One is that people in general are honest. The other is that I have learned how to cure. In the past 12 years I have supplied my Restorative on trial to over half a million sick ones, and 39 out of each 40 have paid for the treatment gladly, because they were cured. I have willingly paid for the rest.

My Restorative strengthens the inside nerves. For a lifetime I have studied to perfect a way to bring back the nerve power, which alone makes the vital organs act. When an organ is weak we know that its nerve power is weak. It is like a weak engine—it needs more steam. When we restore that nerve power, the organ does its duty, and the cure is permanent. To doctor the organ is useless. The best results are but temporary, and that is why common treatments fail. My Restorative cures the cause, and when the cure is complete the sick one is well all over.

Won't you write a postal to learn about a remedy like that?

Simply state which book is wanted, and address Dr. Shoop, Box 766, Racine, Wis.

Book No. 1 on Dyspepsia.  
Book No. 2 on the Heart.  
Book No. 3 on the Kidneys.  
Book No. 4 for Women.  
Book No. 5 for Men (sealed).  
Book No. 6 on Rheumatism.

Mild cases, not chronic, are often cured by one or two bottles. Dr. Shoop's Restorative is sold by all druggists.

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